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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/764,572	01/27/2004	Jerry Moscovitch	5US1PC1US1US	9024
54984	7590	07/24/2006	EXAMINER	
MASS ENGINEERED DESIGN INC. 474 WELLINGTON STREET WEST TORONTO, ON M5V-1E3 CANADA			ZARROLI, MICHAEL C	
			ART UNIT	PAPER NUMBER
			2839	

DATE MAILED: 07/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/764,572	MOSCOVITCH, JERRY	
	<b>Examiner</b>	<b>Art Unit</b>	
	Michael C. Zarroli	2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 19 May 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-102 is/are pending in the application.
- 4a) Of the above claim(s) 7-12, 19-24, 38-50 and 57-102 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 13-16, 25-29, 31-35 and 51-54 is/are rejected.
- 7) ☒ Claim(s) 6, 17, 18, 30, 36 and 37, 55-56 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                                   | 4) <input checked="" type="checkbox"/> Interview Summary (PTO-413)          |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)                | Paper No(s)/Mail Date. <u>20060720</u>                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>7/12/06</u>   | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Election/Restrictions***

1. Applicant's election without traverse of species 1 in the reply filed on 11/14/05 is acknowledged. **Applicant needs to formally cancel the non-elected claims.**

### ***Response to Arguments***

2. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.
3. The previous office action contained a typo. Kunert component 34 in the rejection write up should have been component 40.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-5 rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kunert.

Kunert discloses a connector apparatus for allowing quick electrical and mechanical coupling and decoupling of a display (90 in fig. 1A unnumbered top) to a support member 20 disposed within a vehicle (title & abstract 1<sup>st</sup> sentence), the apparatus comprising: a first mounting component fig. 1A for the display, at a wall, or rear portion of a seat (e.g. abstract 1<sup>st</sup> sentence), the first mounting component having a first engaging member 48 and a first electrical connector 96; and (b) a second mounting component 10 for the support member disposed within the vehicle, the second mounting component including a second engaging member 40 having a shape complementary to the first engaging member fig. 4 and a second electrical connector 32, the second engaging member being configured to engage with the first engaging member to physically support the display fig. 5 on the support member disposed within the vehicle, at the wall, or on the rear portion of the seat, while the first electrical connector concurrently electrically couples the second electrical connector to permit electrical communication between the two electrical connectors (various figures).

Claim 2, Kunert discloses that the engaging members are shaped to prevent accidental uncoupling of the display from the support member e.g. fig. 10.

Claim 3, Kunert discloses that when the engaging members engage the second engaging member support substantially all the weight of the display e.g. fig. 4.

Claim 4, Kunert discloses securing means 40 for securing the first mounting component to the second when the engaging members are engaged (figure 6).

Claim 5, Kunert discloses that the first and second electrical connectors mechanically engage fig. 4 one another when the first and second mounting components are mechanically engaged fig. 4.

6. Claims 13-16 and, 51-54 rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kunert.

Kunert discloses an electrical connector apparatus (title) for a support member 20 disposed within a vehicle (abstract 1<sup>st</sup> sentence) or at a wall for supporting a display (90 in fig. 1A top) on a first mounting component (fig. 1A left side) so as to allow quick electrical and mechanical coupling and decoupling of the display to the support member, the first mounting component comprising: a first engaging member 48; and a first electrical connector 96; wherein the first mounting component is configured for selective coupling to a second mounting component 28, 40 mounted on the support member and including a second engaging member 40 having a shape complementary to the first engaging member fig. 4 and a second electrical connector 32, so that when the first engaging member engages the second engaging member fig.4, the display will be physically supported on the support member fig. 8A in the vehicle or on the wall while the first electrical connector

concurrently electrically couples the second electrical connector fig. 5 to also cause electrical communication between the two electrical connectors.

Claims 14, 52 Kunert discloses that the engaging members are shaped to prevent accidental uncoupling of the display from the support member e.g. fig. 10.

Claims 15, 53 Kunert discloses that when the engaging members engage the second engaging member support substantially all the weight of the display e.g. fig. 4.

Claims 16, 54 Kunert discloses securing means 40 for securing the first mounting component to the second when the engaging members are engaged (figure 6).

7. Claims 25-29, 31-35 rejected under 35 U.S.C. 102(b) as being clearly anticipated by Kunert.

Kunert discloses a connector apparatus fig. 1A for allowing quick electrical and mechanical coupling and decoupling of a display 90 substantially limited to displaying results of computer operations performed remote from the display (abstract 1<sup>st</sup> sentence) to a support member 20, the apparatus comprising: (a) the display 90 having a first mounting component fig. 1A, the first mounting component having a first engaging member 48 and a first electrical connector 96; and (b) a second mounting component fig. 1A for the support member, the second mounting component including a second engaging member 40 having a shape

complementary to the first engaging member fig. 5 and a second electrical connector 32, the second engaging member being configured to engage with the first engaging member to physically support the display on the support member (figures 4 & 5), while the first electrical connector concurrently electrically couples the second electrical connector to permit electrical communication between the two electrical connectors.

Claims 26, 32 Kunert discloses that the engaging members are shaped to prevent accidental uncoupling of the display from the support member e.g. fig. 10.

Claims 27, 33 Kunert discloses that when the engaging members engage the second engaging member support substantially all the weight of the display e.g. fig. 4.

Claims 28, 34 Kunert discloses securing means 40 for securing the first mounting component to the second when the engaging members are engaged (figure 6).

Claims 29, 35 Kunert discloses that the first and second electrical connectors mechanically engage fig. 4 one another when the first and second mounting components are mechanically engaged fig. 4.

***Allowable Subject Matter***

8. Claims 6, 17-18, 30, 36-37, 55-56 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael C. Zarroli whose telephone number is 571-272-2101. The examiner can normally be reached on 7:30 to 3:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, T.C. Patel can be reached on (571) 272-2800 ext 39. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Michael C. Zarroli  
Primary Examiner  
Art Unit 2839

MCZ  
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